



<http://cpt202.hubner.org/>

Class 1

About Me

- Devon Hubner
- People call me Devo
- I started used Linux in 1996 with Slackware Linux 3.1.

slackware

linux

About Me

- Before switching to Linux I was a heavy user of OS/2 Warp and MacOS Classic.



OS/2 System



Assistance Center



Connections



Programs



WebExplorer

OS/2 WARP



Shredder

About Me

- When I was in College, everybody used Linux on their Desktop.
- There were a few people dual-booting Windows on their desktops so they could access some specific games that only ran on Windows.
- At that time, everybody was playing either Unreal Tournament or Worms. Unreal Tournament ran better under Linux than Windows. Unfortunately Worms was Windows only.



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About Me

- When I graduated I became a Linux Systems Administrator
- First for a manufacturing company.
- Next for an Internet Company. We developed custom CMS websites for our clients, primarily using Drupal or Joomla, which we would host in datacenters or the Amazon Cloud.
- When I moved to Maine I went to work for MaineToday.com where we hosted custom PHP and Drupal websites.
- I now work for a software development company based in New York City as a Cloud Systems Administrator.
- I use Linux on all my Desktop and Laptop computers.
- I have my Wife and Mother using Linux. My Wife has told me that she prefers Linux to Windows 7 and prefers LibreOffice to MS Office 2007/2010 - mostly because of the stupid ribbon.
- I have taught courses at three different colleges on topics of: Internet Programming, Networking, Databases, Information Security, and Linux. I recommend you signup for Advanced Linux in the Spring semester.

How to Contact Me

- Cell Phone: 207-809-7949
- eMail.....: devon@hubner.org
- AIM.....: Devokun
- Skype.....: Devokun
- IRC.freenode.net: Devokun

Syllabus

Website

<http://cpt202.hubner.org/>

Textbook

RHCSA/RHCE Red Hat Linux Certification Study Guide (Exams EX200 & EX300), 6th Edition (Certification Press)

Paperback: 1072 pages

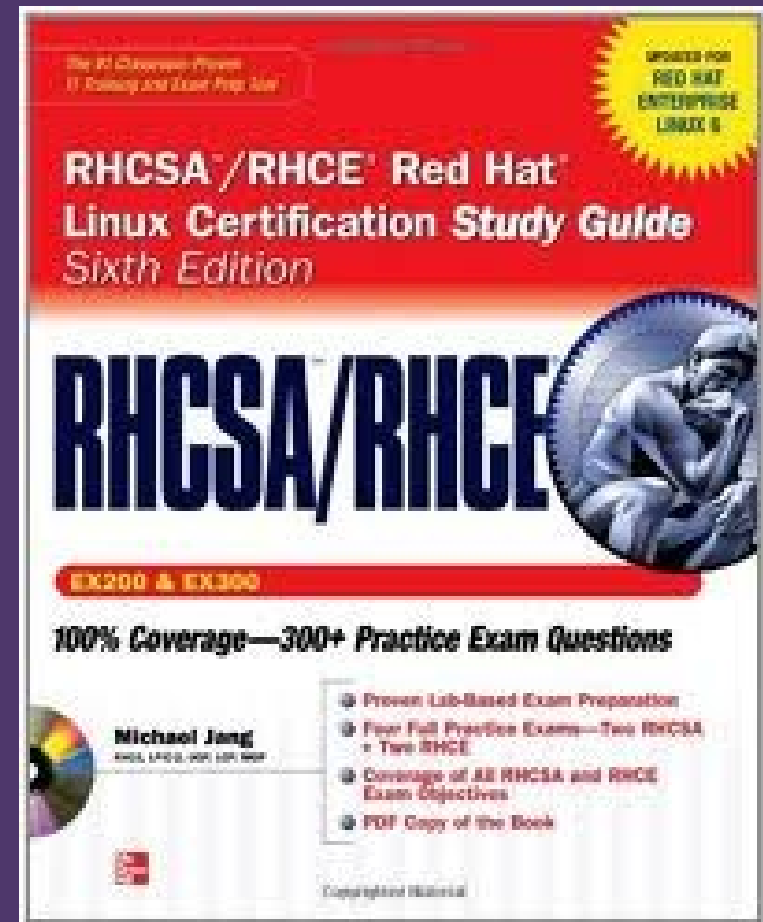
Kindle Edition is Available

Publisher: McGraw-Hill Osborne Media;
6 edition (June 17, 2011)

Language: English

ISBN-10: 0071765654

ISBN-13: 978-0071765657



File Formats

- All course work must be submitted in free and open formats. **No Microsoft Office formatted documents will be accepted.** Please use the Open Document Format (LibreOffice ODF) or PDF. When in doubt, use LibreOffice and save the file.
- **Images and Screenshots:** SVG, JPEG, PNG.
 - no images embedded in a m\$ word, powerpoint, or RTF document will be accepted
 - don't embedd images in ANY other document, even if it's LibreOffice. If you send a screenshot, that screenshot should be a PNG.
- **Word Processor:** Open Document Format (LibreOffice ODF)
- **Spreadsheet:** Open Document Format (LibreOffice ODF)
- **Presentation:** Open Document Format (LibreOffice ODF)
- **Charts:** SVG, Dia, Open Document Format (LibreOffice ODF)
- **Documents:** Open Document Format (LibreOffice ODF), PDF
- PDF's are quickly and easily created from LibreOffice



Homework Assignments

- Homework Assignments are due at the beginning of the following class.
- Homework is to be completed on an individual basis. You may not work as a group on homework, unless otherwise stated. This basically translates in to: "Don't copy and paste."
- Don't solely rely upon Google for homework answers. In the computer world, the same acronym can mean many different things in different contexts. "Do the reading and answer the questions."
- No late homework is, or will be, accepted.
- If you miss class, you are still responsible for homework.
- The ideal distribution method for homework is eMail. eMail insures that both you, and I, have a record of the submission. Turning in Paper is OK, but I am not very good about keeping track of physical paper.
- Homework is counted as a boolean: "completed, not completed". You get credit for completing homework, no credit for not completing homework. Don't try to submit all your homework the day before the final, it will not be accepted. Do your best and submit the homework on time.

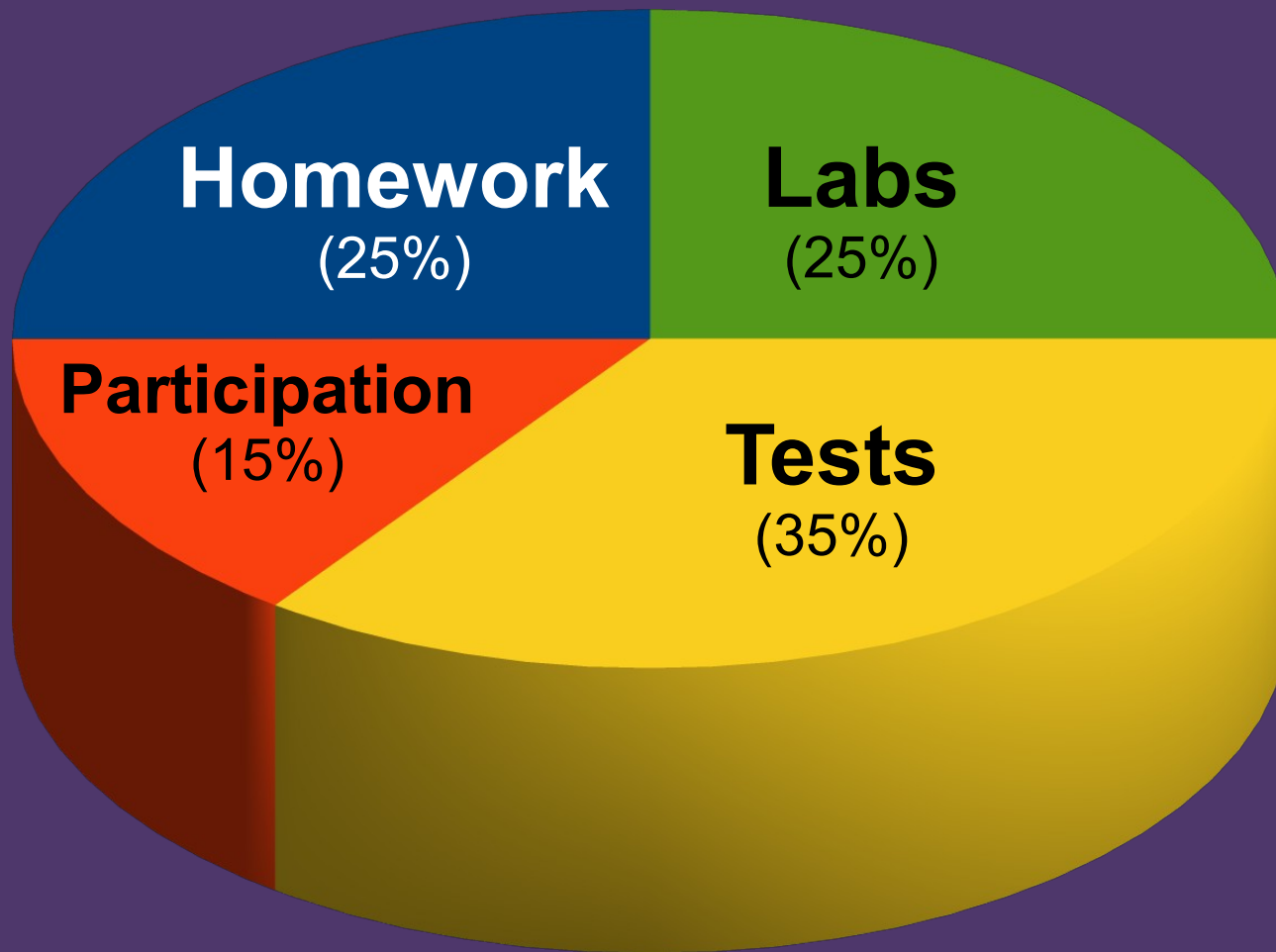
Attendance

- Attendance will be taken on a regular basis. Every student is responsible for anything covered in class, even if it is not listed in the syllabus. This includes announcements of assignments or test dates, so if forced to miss class, be sure to contact the instructor and ask to be informed of that day's content. A student will be allowed a total of 3 unexcused absences (which equals 20% of the class meeting time), after which the student automatically fails. An excused absence is one where the student informs the professor ahead of time that they will not be able to attend class.
- Being absent means depriving yourself of class. You are welcome to miss class when you need to. Naturally, it is a professional courtesy to notify the instructor that you will not be attending class. Please do not wait 10 minutes before class, or especially after class, to notify the instructor of your absence.
- In summary, if you miss class that is your business, yet you are responsible for all the material and you must notify the professor previously. The only permitted absence is one which has been previously announced.

Cancellations

If you suspect a class cancellation due to weather or any other reason, call my number and/or check the Central Maine Community College website. Class will generally be held, if in doubt, assume that class will be held. I will normally be in class on time. If I am not, you should wait at least 15 minutes before leaving. If I am unavoidably detained, I will normally call and have the class instructed to either wait, or go home.

Grading



Linux Distributions





Slackware

Originally
a German
Translation
of Slackware



RPM
Based



RedHat
became
Fedora



Fedora

RHES
Based on
Fedora



Enterprise

Minimal
Security
Enhanced



Owl

CentOS
Is Binary
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CentOS



Debian

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Mint



Gentoo

Why 6 RED HAT ENTERPRISE LINUX?





RHCSA

redhat.®

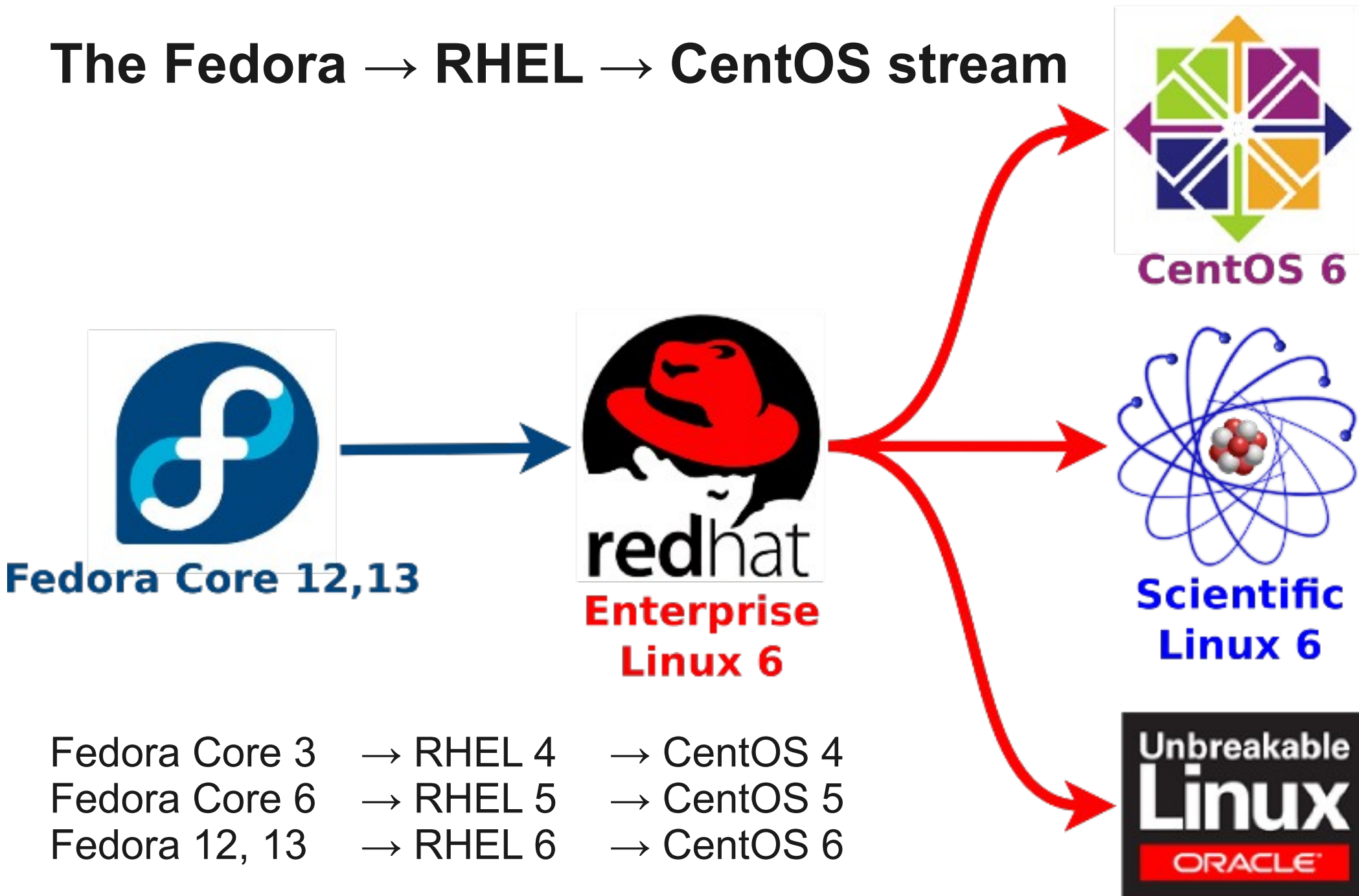
**CERTIFIED
SYSTEM
ADMINISTRATOR**

*RedHat Certified Systems
Administrator*

*If you want to be a linux systems
administrator, then make it your
goal to get redhat certified.*

Why CentOS ?

The Fedora → RHEL → CentOS stream



Homework

- Watch some of the **UbuntuPhone** videos posted on the UbuntuMaine Google+ page:
<https://plus.google.com/b/10893280848318230393>
- Especially this video of **Mark Shuttleworth** demonstrating UbuntuPhone at CES:
<http://youtu.be/-EVwCPMO0Q0>

Homework

Send in an eMail to: devon@hubner.org

The answers to these questions:

1. Why are taking Advanced Linux ?
2. What do you hope to learn from this class ?
3. What are your dreams for this class ?
4. What is your preferred (*Favorite?*) Linux Distribution ?
5. Do you use Linux on your desktop or laptop ?
6. What do you think of the UbuntuPhone?
7. Would you buy an UbuntuPhone over the Android or iPhone?